

REMARKS

In the above-referenced Office Action, the Examiner divided the claims into the following groups:

- I. Claims 10-37, drawn to a method; and
- II. Claims 38-53, drawn to a device.

In addition, if Group I is elected, the Examiner required an election of species from the following groups:

1. Species 1, claims 10-17, pertaining to a method for packaging a microelectronic substrate including selecting a gap dimension based upon target underfill material flow rate;

2. Species 2, claims 18-23, pertaining to a method for processing microelectronic substrates comprising removing some of the first nonconductive material by a first recess distance and applying a second nonconductive material and removing it by a second recess distance;

3. Species 3, claims 24-30, pertaining to a method for forming a microelectronic package comprising disposing a nonconductive material spaced apart from the support member;

4. Species 4, claims 31-37, pertaining to a method of forming a microelectronic package including engaging an inner region of the flow channel with a partially flowable nonconductive material and moving the microelectronic substrate toward each other while forcing gas through the flow channel.

If Group II is elected, the Examiner required an election of species from the following groups:

1. Species 1, claims 38-41, pertaining to a microelectronic package comprising a support member having a plurality of third connection sites and a flow channel;

2. Species 2, claims 42-47, pertaining to a plurality of microelectronic device assemblies having a first and second microelectronic device assembly with first and second recess distances; and


3. Species 3, claims 48-53, pertaining to a microelectronic package with a support member and a nonconductive material spaced apart from the support member.

In response, the applicants elect Group I, Species 1, claims 10-17, without traverse. The foregoing election of Species 1 is made with the understanding that the Examiner and the U.S. Patent Office are now bound to the finding of non-obviousness between each of the species. Non-elected claims 38-53 have been canceled without prejudice to pursuing these claims in a continuation, divisional, continuation-in-part, or other application. Claims 18-37 have been withdrawn. Upon allowance of a generic claim, applicants request consideration of claims to additional species which are written in dependent form or which otherwise include all the limitations of the allowed generic claims.

No fees are believed due with this communication. However, the Commissioner is hereby authorized and requested to charge any deficiency in fees herein to Deposit Account No. 50-0665.

Respectfully submitted,
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